

SIKAP+ Project: An Asi@Connect Funded Project in the

Promotion of Space Research and Education Collaboration for Societal Benefit

SHIELO N. MUTA

Chief Science Research Specialist
Space Information Infrastructure Bureau
Philippine Space Agency

**Space Education for All Working
Group**
Hanoi Vietnam, November 16, 2022



APRSAF
ASIA-PACIFIC REGIONAL
SPACE AGENCY FORUM



Co-funded by
the European Union



PhilSA



DOST-ASTI



UP ELECTRICAL
AND ELECTRONICS
ENGINEERING
INSTITUTE

This event has received funding from
Asi@Connect project which is the European
Union co-funding project under Grant contract
ACA 2016-376-562.

Objective To promote further productive utilization of National Research and Education Networks (NREN) through a novel collaboration aimed at resource-sharing and capability-building in Earth Observation (EO) infrastructure and applications, especially among emerging space actors and new space entrants.



Philippine Space Agency



Asian Microsatellite Consortium
and BIRDS Network

Space Infrastructure, Know-How and Applications Acceleration through Promotion and Training

Asi@Connect Funded Project WP5 topic : Promoting Asi@Connect-enabled Research and Education Collaboration for Societal Benefit



This event has received funding from Asi@Connect project which is the European Union co-funding project under Grant contract ACA 2016-376-562.

Only REN in the Philippines, which interconnects and catalyzes research among academic, government, and research institutions.



**Philippine Research ,
Education and
Government Information
Network**

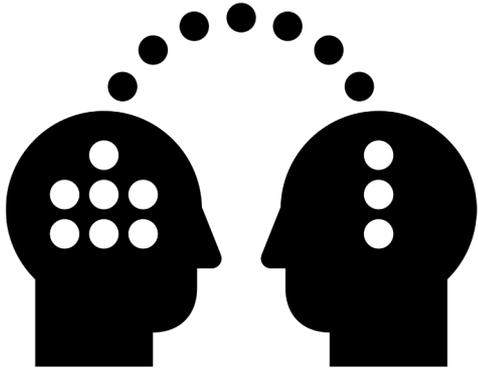
PREGINET

Implemented by the Department of Science and
Technology

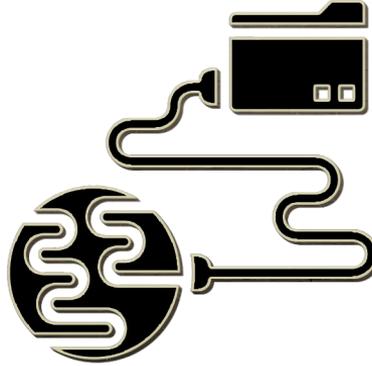


This event has received funding from
Asi@Connect project which is the European
Union co-funding project under Grant contract
ACA 2016-376-562.

Specific Objectives



Promote Exchange of
Know-How and Best
Practices

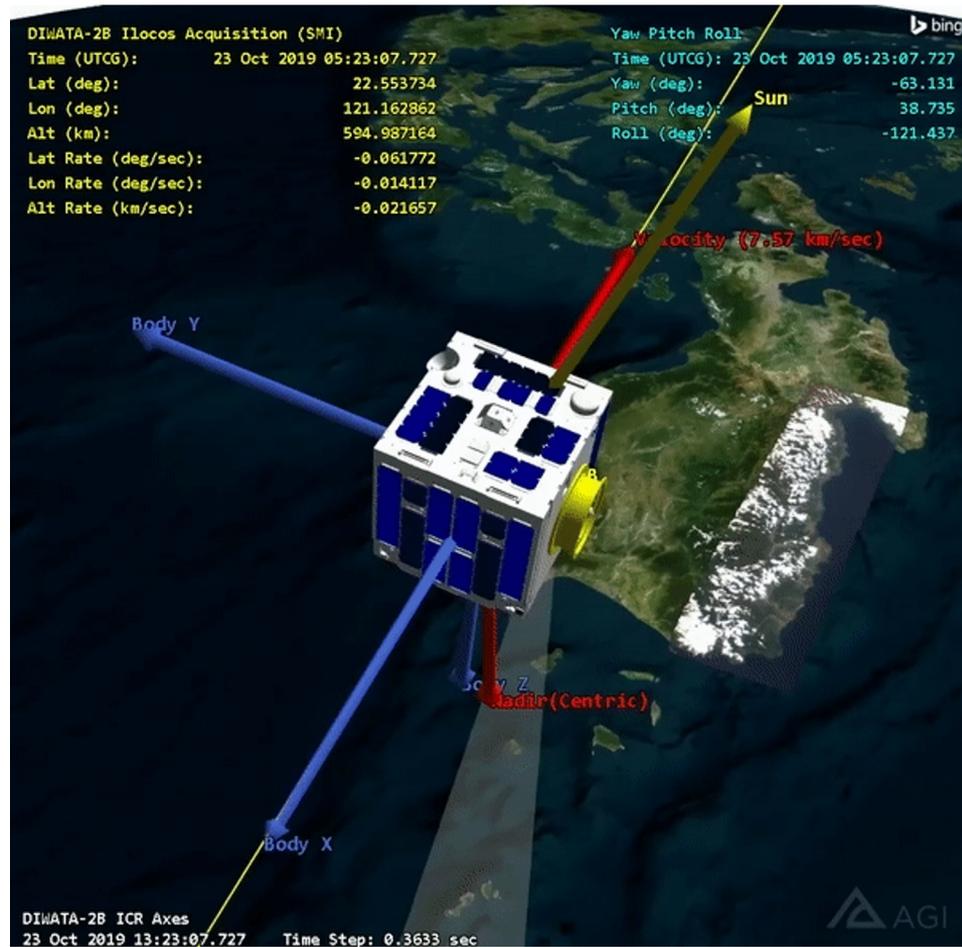
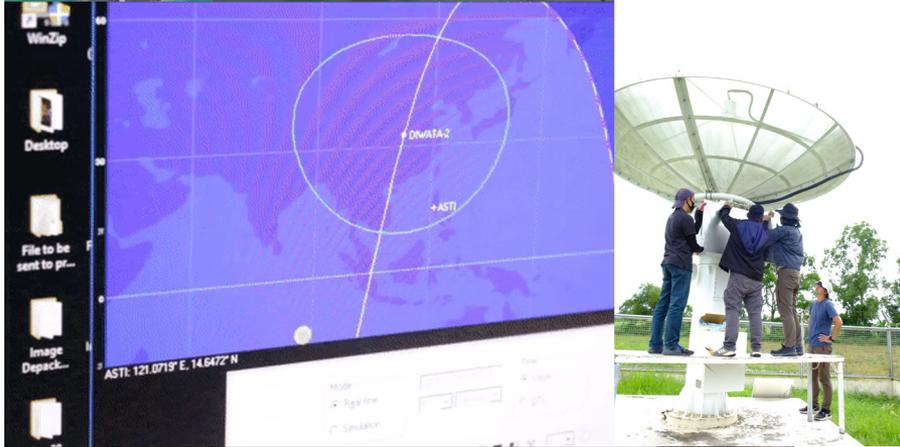


Facilitate Resource
Sharing for Scientific
Studies



Advance Space
Situational Awareness
and Sustainability of
Outer Space Activities

Module 1. Ground and Amateur Radio Operation for Satellite Communication Administration (GRSA)



This event has received funding from Asi@Connect project which is the European Union co-funding project under Grant contract ACA 2016-376-562.

GRSA Training Session

#JoinTheMission
#3YearsOfPhilSA



SIKAP+
Space Infrastructure, Know-How, and Applications
Acceleration through Promotion and Training

presents

**Ground and Amateur Radio Operations
for Satellite Communication
Training Sessions**

18 and 31 August 2022
6, 7-12 September 2022 (Asynchronous)
13, 22, and 23 September 2022

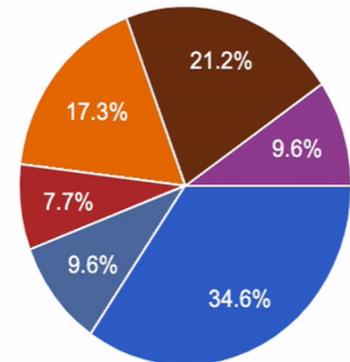
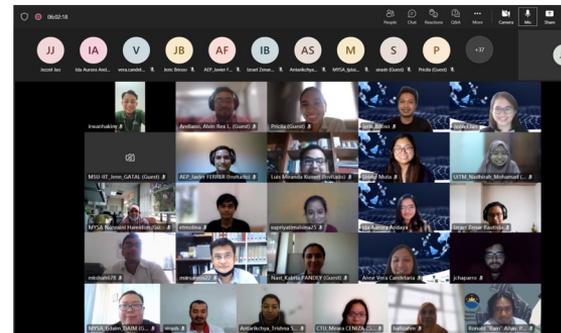
9:00 am to 3:00 pm

Scan here to register

Syllabus: 3 Courses, 13 Sessions

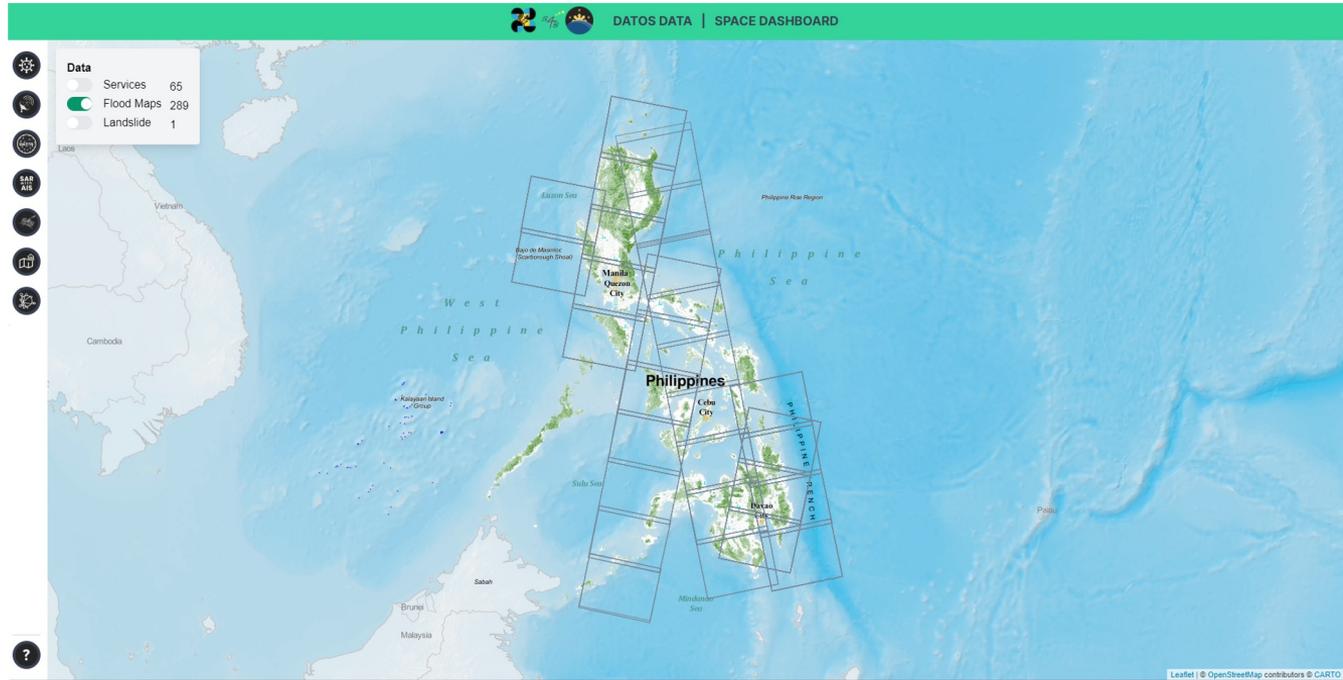
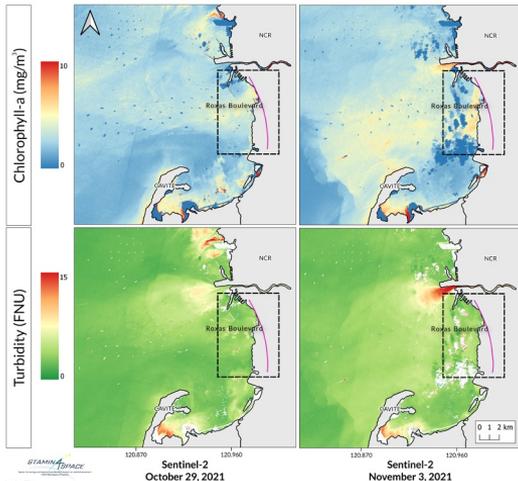
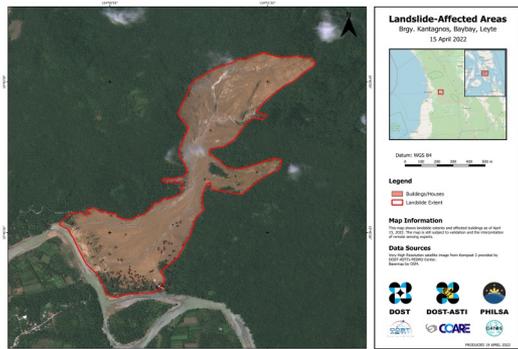
Participants: 6 Countries, 5 Local and 17 International Institutions

Participants:	Satellite Ground Operators, Amateur Radio Operators
Output	Community of ground and amateur radio operators, shared best practices, enhancement of knowledge and capacity and future partnerships



This event has received funding from Asi@Connect project which is the European Union co-funding project under Grant contract ACA 2016-376-562.

Module 2. Trainings for Satellite Data Processing



Space Data Dashboard



Co-funded by the European Union



This event has received funding from Asi@Connect project which is the European Union co-funding project under Grant contract ACA 2016-376-562.

Module 2. Trainings for Satellite Data Processing



2nd Training Session: “Utilization and Mobilization of Space Data for Environmental Applications”

Target	Students and the remote sensing community
Participants:	community
Mode	Hybrid
Expected Outcomes:	By the end of this training program, the participants are expected to be equipped with the knowledge and skills necessary in utilization of EO space datasets and facilitate exchange of resources and techniques in remote sensing

Schedule January - February 2023

Module 3. Advancement of Space Situational Awareness and Sustainability of Outer Space Activities in the Philippines



- Lectures and workshops about space situational awareness and the sustainability of outer space activities.
- Promote cooperation through know-how sharing, motivated by a shared responsibility of promoting peaceful and responsible uses of space.

Module 3. Advancement of Space Situational Awareness and Sustainability of Outer Space Activities in the Philippines



Target

PhilSA and other interested participants

Participants:

Mode

Physical

Expected

Outcomes:

By the end of this training program, the participants are expected to be equipped with the knowledge and skills in

- space debris mitigation and detection;
- regulation and standards of safety for rockets and space modules;
- launch and in-orbit collision risk;
- space traffic management;
- prediction of debris re-entry; and
- space weather

Schedule

February-May 2023

Visibility and Sustainability

NEWS / NATIONAL / PhilSA launches SIKAP+, eyes expansion of space research and cooperation in Asia

SHARE

National, News

PhilSA launches SIKAP+, eyes expansion of space research and cooperation in Asia

Published June 6, 2022, 2:18 PM
by [Dhel Nazario](#)

The Philippine Space Agency (PhilSA) has launched the Space Infrastructure, Know-How, and Applications Acceleration through Promotion and Training project (SIKAP+) which seeks to enhance scientific cooperation in Asia.



Photo courtesy of PhilSA



PhilSA commits to forge partnerships beyond the SIKAP+ project that build on top of the project's accomplishments



PhilSA envisions a community among new entrants and existing space actors in the region



Co-funded by the European Union



This event has received funding from Asi@Connect project which is the European Union co-funding project under Grant contract ACA 2016-376-562.

Our Vision

The PhilSA envisions a Filipino nation **bridged, uplifted, and empowered** through the peaceful uses of outer space.

Our Mission

We will promote and sustain a robust Philippine space ecosystem that **adds and creates value** in space **for and from Filipinos and for the world.**

Thank you for your attention

FB: PhilSpaceAgency

E: info@philsa.gov.ph

IG: philspaceagency

TW: PhilSpaceAgency

W: space.gov.ph/spacedata

LI: philspaceagency



Co-funded by
the European Union



PhilSA



DOST-ASTI



UP ELECTRICAL
AND ELECTRONICS
ENGINEERING
INSTITUTE

This event has received funding from
Asi@Connect project which is the European
Union co-funding project under Grant contract
ACA 2016-376-562.